### Available Product Formats

<table>
<thead>
<tr>
<th>Format</th>
<th>Catalog Number</th>
<th>Description</th>
<th>Dilution</th>
<th>Diluent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concentrate</td>
<td>CM 371 AK, CK</td>
<td>0.1, 1.0 mL</td>
<td>1:100</td>
<td>Renoir Red</td>
</tr>
<tr>
<td>Predilute</td>
<td>PM 371 AA</td>
<td>6.0 mL</td>
<td>Ready-to-use</td>
<td>N/A</td>
</tr>
<tr>
<td>intelliPATH FLX</td>
<td>IP 371 G10</td>
<td>10 mL</td>
<td>Ready-to-use</td>
<td>N/A</td>
</tr>
<tr>
<td>ONCORE</td>
<td>OAI 371 T60</td>
<td>60 tests</td>
<td>Ready-to-use</td>
<td>N/A</td>
</tr>
<tr>
<td>ONCORE Pro</td>
<td>OPAI 371 T60</td>
<td>60 tests</td>
<td>Ready-to-use</td>
<td>N/A</td>
</tr>
<tr>
<td>VALENT</td>
<td>VLTM 371 G20</td>
<td>20 mL</td>
<td>Ready-to-use</td>
<td>N/A</td>
</tr>
<tr>
<td>UltraLine – For BenchMark</td>
<td>AVI 371 G</td>
<td>6.0 mL</td>
<td>Ready-to-use</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Intended Use:

For In Vitro Diagnostic Use

Synaptophysin [27G12] is a mouse monoclonal antibody that is intended for laboratory use in the qualitative identification of synaptophysin protein by immunohistochemistry (IHC) in formalin-fixed paraffin-embedded (FFPE) human tissues. The clinical interpretation of any staining or its absence should be complemented by morphological studies using proper controls and should be evaluated within the context of the patient’s clinical history and other diagnostic tests by a qualified pathologist.

### Protocol Recommendations (VALENT® Automated Slide Staining Platform):

VLTM371 is intended for use with the VALENT. Refer to the User Manual for specific instructions for use. Protocol parameters in the Protocol Manager should be programmed as follows:

- **Deparaffinization:** Deparaffinize for 8 minutes with Val DePar.
- **Pretreatment:** Perform heat retrieval at 98°C for 60 minutes using Val AR-Lo pH, 5X (use at 1X).
- **Peroxidase Block:** Block for 5 minutes with Val Peroxidase Block.
- **Probe Block (Optional):** Incubate for 10-20 minutes with Val Background Block.

### Protocol Recommendations (intelliPATH FLX® and manual use):

- **Peroxide Block:** Block for 5 minutes with Peroxidazed 1.
- **Pretreatment:** Perform heat retrieval using Borg or Reveal Decloaker. Refer to the Borg or Reveal Decloaker product data sheet for specific instructions.
- **Protein Block:** Incubate for 5-10 minutes at RT with Background Punisher.
- **Primary Antibody:** Incubate for 45 minutes at RT.
- **Probe:** Incubate for 10 minutes at RT with a secondary probe.

### Technical Note:

This antibody, for intelliPATH FLX and manual use, has been standardized with MACH 4 detection system. Use TBS for washing steps.

### Protocol Recommendations (ONCORE™ Automated Slide Staining System):

OA371 is intended for use with the ONCORE. Refer to the User Manual for specific instructions for use. Protocol parameters in the Protocol Editor should be programmed as follows:
### Protocols and Recommendations

**Protocol Recommendations (ONCORE Automated Slide Staining System) Cont'd:**
- **Protocol Name:** Synaptophysin
- **Protocol Template (Description):** Ms HRP Template 1
- **Dewaxing (DS Option):** DS2
- **Antigen Retrieval (AR Option):** AR1, high pH; 101°C
- **Reagent Name, Time, Temp.:** Synaptophysin, 30 min., 25°C

**Protocol Recommendations (ONCORE™ Pro Automated Slide Staining System):**
- **Protocol Name:** Synaptophysin
- **Protocol Template (Description):** Ms HRP Template 1
- **Dewaxing (DS Option):** DS2-50
- **Antigen Retrieval (AR Option):** AR1, high pH; 101°C
- **Block Option:** Buffer
- **Reagent Name, Time, Temp.:** Synaptophysin, 30 min., 25°C

**Protocol Recommendations (Ventana BenchMark ULTRA):**
- **Protocol Name:** Synaptophysin
- **Protocol Template (Description):** Ms HRP Template 1
- **Pretreatment Protocol:** CC1 64 minutes
- **OptiView DAB IHC**
- **Peroxidase:** Pre Primary Peroxidase Inhibitor
- **Primary Antibody:** 32 minutes, 36°C

### Limitations:
The optimum antibody dilution and protocols for a specific application can vary. These include, but are not limited to fixation, heat-retrieval method, incubation times, tissue section thickness and detection kit used. Due to the superior sensitivity of these unique reagents, the recommended incubation times and titer lists are not applicable to other detection systems, as results may vary. The data sheet recommendations and protocols are based on exclusive use of Biocare products. Ultimately, it is the responsibility of the investigator to determine optimal conditions.

### Quality Control:

### Precautions:
1. This antibody contains less than 0.1% sodium azide. Concentrations less than 0.1% are not reportable hazardous materials according to U.S. 29 CFR 1910.1200, OSHA Hazard communication and EC Directive 91/155/EC. Sodium azide (NaN₃) used as a preservative is toxic if ingested. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides. Upon disposal, flush with large volumes of water to prevent azide build-up in plumbing. (Center for Disease Control, 1976, National Institute of Occupational Safety and Health, 1976) (3)
2. Specimens, before and after fixation, and all materials exposed to them should be handled as if capable of transmitting infection and disposed of with proper precautions. Never pipette reagents by mouth and avoid contacting the skin and mucous membranes with reagents and specimens. If reagents or specimens come in contact with sensitive areas, wash with copious amounts of water. (4)
3. Microbial contamination of reagents may result in an increase in nonspecific staining.

### Precautions Cont’d:
4. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change.
5. Do not use reagent after the expiration date printed on the vial.
6. The SDS is available upon request and is located at http://biocare.net.

### Troubleshooting:
Follow the antibody specific protocol recommendations according to data sheet provided. If atypical results occur, contact Biocare's Technical Support at 1-800-542-2002.

### References:

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